

Oil Field Environmental Incident Summary

Incident: 20141113130908 **Date/Time of Notice:** 11/13/2014 13:09

Responsible Party: ENDURO OPERATING, LLC

Well Operator: ENDURO OPERATING, LLC

Well Name: CROOKS 3

Field Name: LORAINE

Well File #: 5486

Date Incident: 11/11/2014 **Time Incident:** 09:30

Facility ID Number:

County: RENVILLE

Twp: 162

Rng: 84

Sec: 23

Qtr:

Location Description:

Submitted By: Scott Hunsakor

Received By:

Contact Person: Scott Hunsakor
777 MAIN STREET
SUITE 800
FORT WORTH, TX 76102

General Land Use: Cultivated

Affected Medium: Topsoil

Distance Nearest Occupied Building:

Distance Nearest Water Well:

Type of Incident: Pipeline Leak

Release Contained in Dike: No

Reported to NRC: No

	Spilled	Units	Recovered	Units	Followup	Units
Oil	5	Barrels	5	Barrels	5	barrels
Brine	5	Barrels	5	Barrels	5	barrels

Other

Description of Other Released Contaminant:

Inspected:

Written Report Received: 10/19/2015

Clean Up Concluded: 8/15/2015

Risk Evaluation:

none

Areal Extent:

small area 30' x 2'

Potential Environmental Impacts:

none

Action Taken or Planned:

isolate and shut in wells. scrap up liquid and soil and haul to 3 sided container to be later hauled to PDI. Dig up flow line and replace joint with hole.

Wastes Disposal Location: PDI

Agencies Involved:

Updates

Date: 11/13/2014 **Status:** Reviewed - Follow-up Required

Author: Stockdill, Scott

Updated Oil Volume:

Updated Salt Water Volume:

Updated Other Volume:

Updated Other Contaminant

Notes:

According to the incident summary, this spill impacted areas that are not associated with E & P. Followup is necessary.

Date: 11/14/2014 **Status:** Inspection

Author: Crowdus, Kory

Updated Oil Volume:

Updated Salt Water Volume:

Updated Other Volume:

Updated Other Contaminant

Notes:

On site 11/14/2014, at 9:37 AM. Pipeline leak was on the south side of the township road. The ditch to the south was impacted with a dark brown to black, thick material. There is a slough to the south/southeast of impacted area, but it does not appear runoff reached this area. Crew is on site making repairs to pipeline. There is a metal storage container on site for removal of contaminated soil. More followup is required.

Date: 7/6/2015 **Status:** Inspection

Author: Crowdus, Kory

Updated Oil Volume:

Updated Salt Water Volume:

Updated Other Volume:

Updated Other Contaminant

Notes:

On site 7/6/2015, at 12:07 pm. There appears to be some oil stained soils in the ditch to the south of road, near the release point. Field readings follow. Conductivity meter was used at point just south of road (13.48ms/cm). Moving in the ditch to the south there were readings of 10.23 ms/cm, and 8.34 ms/cm. A point on the north side of road was checked for background that read, 1.23 ms/cm. A chloride test strip was used in the ditch to the south of road, and showed 2411ppm chlorides. I spoke to company personnel and relayed the findings. They will get someone out there to re-evaluate site and remove more soil in the impacted areas. Further follow-up is required.

Date: 9/17/2015 **Status:** Inspection

Author: O'Gorman, Brian

Updated Oil Volume:

Updated Salt Water Volume:

Updated Other Volume:

Updated Other Contaminant

Notes:

Arrived on location at 13:09. 56 degrees F, mostly cloudy, west wind 20-25 mph. Observed the area and took photos. East of the lease road and south of the section road, soil and vegetation had been removed in an area approximately 250' x 12'. No new plant growth had begun, and water filled most of the excavation from a 9/16/15 rainfall event. Confirmation chloride sample results and/or a return inspection in summer 2016 needed to confirm impacts were removed and plant growth normal in comparison to un-impacted areas.

Date: 8/21/2016 **Status:** Inspection

Author: Martin, Russell

Updated Oil Volume:

Updated Salt Water Volume:

Updated Other Volume:

Updated Other Contaminant

Notes:

8/21/2016 at 18:54, on location. Affected area (directly north of the well tank battery, at the southeast corner where the tank battery lease road mets the township road) has been visibly tilled up, but vegetation is lacking.